



EU Declaration of Conformity

Document No.: 20181218

Year in which CE Mark was first affixed: 2018

Manufacturer: Signify

I.B.R.S./C.C.R.I. /Numéro 10461

5600 VB Eindhoven, The Netherlands

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product Range:	NAME: GreenSpace Downlighter DESCRIPTION: Recessed Mounted, Downlight Luminaire based on COB LED Module with external driver.
Product Code:	Telecaster Greenspace DN Downlighter (Details in Annex, see page 2 to 4)

The designated products are in conformity with the following Union harmonization legislation and with the applicable requirements of the following harmonized standards::

Low Voltage Directive (LVD), 2014/35/EU (valid from 20th April 2016)

- EN 60598-1:2015 + AC:2016 >> Luminaires - Part 1: General requirements and tests Luminaires
- EN 60598-2-2:2012 and EN 60598-2-2: 2011>> Luminaires - Part 2: Section 2 – Particular requirements: Recessed Luminaires.
- EN 62471:2008 >> Photobiological safety of lamps and lamp systems
- EN 62493 :2010 >> Assessment of lighting equipment related to human exposure to electromagnetic fields (EMF)
- EN 60529:1991 + A1:2000 >> Degrees of protection provided by enclosures (IP Code)

Electromagnetic Compatibility Directive (EMC), 2014/30/EU (valid from 20th April 2016)

- EN 55015:2013 >> Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15:2013 + IS1:2013 + IS2:2013)
- EN 61547:2009 >> Equipment for general lighting purposes – EMC immunity requirements
- EN 61000-3-2:2014 >> Limits for Harmonic emissions (≤16A per phase)
- EN 61000-3-3:2013 >> Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EcoDesign requirements for energy-related products Directive (ErP), 2009/125/EC and applicable Implementing Measures

- EC/1194/2012 >> Directional lamps, light emitting diode lamps and related equipment

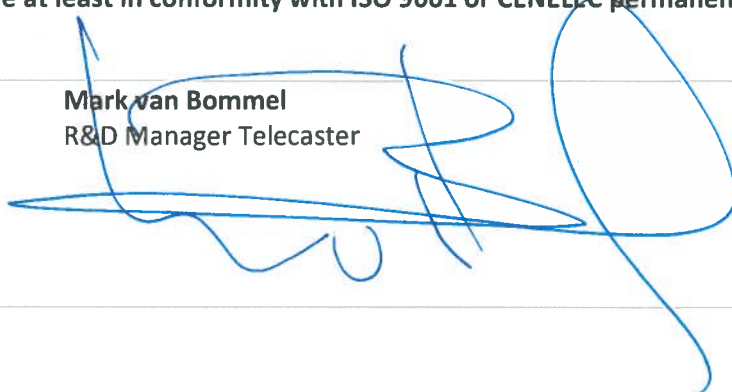
Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

EN 50581:2012

And are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents.

28 January 2019
Signify
Philips weg 1
6026 RA Maarheeze
The Netherlands

Mark van Bommel
R&D Manager Telecaster





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ANNEX - Description of the products:

Type Specification of the products:

DN Series

DNAAAA LEDBBS/CCC DDDD-E FF GGG HH III J

AAAA	Cut-out diameter of downlight in mm, it can be:			
	460B	version Mini	Cut-out diameter 150 mm	UGR22
	461B	version Mini	Cut-out diameter 150 mm	UGR19
	462B	version Mini	Cut-out diameter 150 mm	UGR22
	463B	version Mini	Cut-out diameter 150 mm	UGR19
	470B	version Compact	Cut-out diameter 200 mm	UGR22
	471B	version Compact	Cut-out diameter 200 mm	UGR19
	472B	version Compact	Cut-out diameter 200 mm	UGR22
	473B	version Compact	Cut-out diameter 200 mm	UGR19
BB	System light output, it can be:			
	11	1100 lm	max 13.5 W	
	20	2000 lm	max 25 W	
CCC	Color Rendering Index and Correlated Color Temperature of LED module, it can be:			
	830	Ra≥80	CCT=3000 K	
	840	Ra≥80	CCT=4000 K	
	930	Ra≥90	CCT=3000 K	
	940	Ra≥90	CCT=4000 K	
DDDD-E	Indicates led driver type, it can be:			
	PSU-E	Power Supply Unit External		
	PSE-E	Power Supply Unit External with loop-through functionality; suitable for DC Emergency Lighting		
	PSED-E	Power Supply Unit External DALI with loop-through functionality; suitable for DC Emergency Lighting; suitable for Coded Light		
	PSED-CLO-E	Power Supply Unit External DALI with loop-through functionality; suitable for DC Emergency Lighting; suitable for Constant Light Output		
	POE	Power over Ethernet driver		
FF	Indicates reflector type, it can be:			
	C	High gloss reflector		
GGG	Indicates Cover material, it can be:			
	PCC	Polycarbonate cover clear		
	PCO	Polycarbonate cover Opal		
HH	Indicates trim color, it can be:			
	WH	White		
	SI	Silver		
	BK	Black		



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- III Indicates electrical connection accessory, it can be:
- | | |
|-----|---------------------------------------------------------|
| EW | 0.5 m cable Class Eca, Wieland 3 pole GST18i3 |
| EWD | 0.5 Class Eca Wieland 3 Pole GST & 0.5 Eca DALI BST14i2 |
| BW | B2ca class cable |
| BWD | B2ca KK |
- J Indicates luminaire version, it can be:
- | | |
|---|---------|
| P | Printed |
|---|---------|

– End of Annex –

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